

**IN THE CLAIMS:**

1. (previously presented) A non-aqueous electrolyte secondary cell comprising:

a cathode comprising  $\text{Li}_x\text{Fe}_y\text{PO}_4$  having a particle diameter not greater than 1 micrometer and wherein  $0 < x \leq 2$  and  $1 \leq y \leq 2$ ;

an anode comprising:

a sintered carbon material prepared by sintering a carbon material capable of doping/dedoping lithium; and

a conductive agent comprising  $\text{D}_s\text{E}_t\text{Li}_u$ , wherein D is tin or silicon, E includes another element, Li is lithium, and  $s > 0$ ,  $t > 0$ , and  $u > 0$ ; and

a non-aqueous electrolyte solution.

2-3. (canceled)

4. (previously presented) A non-aqueous electrolyte secondary cell comprising:

a cathode having a molded body comprising a cathode active material and a conductive agent, said active material comprising  $\text{Li}_x\text{Fe}_y\text{PO}_4$  and having a particle diameter not greater than 1 micrometer wherein  $0 < x \leq 2$  and  $1 \leq y \leq 2$ ;

an anode having a molded body comprising a material selected from the group consisting of an anode active material capable of doping/dedoping lithium, and a conductive agent comprising  $\text{D}_s\text{E}_t\text{Li}_u$ , wherein D is tin or silicon, E includes another element, Li is lithium, and  $s > 0$ ,  $t > 0$ , and  $u > 0$ ; and

a non-aqueous electrolyte solution.

5-13. (canceled)

14. (previously presented) The non-aqueous electrolyte secondary cell of Claim 1, wherein said carbon material is selected from the group consisting of non-graphitizable carbon, graphitizable carbon, graphite, and mixtures thereof.

15. (previously presented) The non-aqueous electrolyte secondary cell of Claim 1, wherein said non-aqueous electrolyte solution comprises an electrolyte salt and a non-aqueous solvent.

16. (previously presented) The non-aqueous electrolyte secondary cell of Claim 15, wherein said electrolyte salt is a lithium salt having ion conductivity.

17. (previously presented) The non-aqueous electrolyte secondary cell of Claim 16, wherein said lithium salt is selected from the group consisting of  $\text{LiClO}_4$ ,  $\text{LiAsF}_6$ ,  $\text{LiPF}_6$ ,  $\text{LiBF}_4$ ,  $\text{LiB}(\text{C}_6\text{H}_5)_4$ ,  $\text{LiCl}$ ,  $\text{LiBr}$ ,  $\text{CH}_3\text{SO}_3\text{Li}$ ,  $\text{N}(\text{C}_n\text{F}_{2n}\text{SO}_2)_2\text{Li}$ , and mixtures thereof.

18. (previously presented) The non-aqueous electrolyte secondary cell of Claim 15, wherein said non-aqueous solvent is selected from the group consisting of propylene carbonate, ethylene carbonate, 1,2-dimethoxyethane, 1,2-diethoxyethane, diethyl carbonate, methyl ethyl carbonate, dimethyl carbonate,  $\gamma$ -butyrolactone, tetrahydrofuran, 1,3-dioxolane, 4-methyl-1,3-dioxolane, diethyl ether, sulfolane, methyl sulfolane, acetonitrile, propionitrile, and mixtures thereof.

19. (previously presented) The non-aqueous electrolyte secondary cell of Claim 4, wherein said anode active material comprises a carbon material selected from the group consisting of non-graphitizable carbon, graphitizable carbon, graphite, and mixtures thereof.

20-21. (canceled)

22. (currently amended) The non-aqueous electrolyte secondary cell of Claim 4, wherein a  $\text{D}_s\text{E}_t$  portion of the conductive agent comprising  $\text{D}_s\text{E}_t\text{Li}_u$  includes a material selected from a group of materials consisting of  $\text{SiB}_4$ ,  $\text{SiB}_6$ ,  $\text{Mg}_2\text{Si}$ ,  $\text{TiSi}_2$ ,  $\text{MoSi}_2$   ~~$\text{MoSi}_2$~~ ,  $\text{CoSi}_2$ ,  $\text{NiSi}_2$ ,  $\text{CaSi}_2$ ,  $\text{CrSi}_2$ ,  $\text{Cu}_5\text{Si}$ ,  $\text{FeSi}_2$ ,  $\text{MnSi}_2$ ,  $\text{NbSi}_2$ ,  $\text{TaSi}_2$ ,  $\text{VSi}$ ,  $\text{WSi}_2$ ,  $\text{ZnSi}_2$  and mixtures thereof.

23. (previously presented) The non-aqueous electrolyte secondary cell of Claim 4, wherein said non-aqueous electrolyte solution comprises an electrolyte salt and a non-aqueous solvent.

24. (previously presented) The non-aqueous electrolyte secondary cell of Claim 23, wherein said electrolyte salt is a lithium salt having ion conductivity.

25. (previously presented) The non-aqueous electrolyte secondary cell of Claim 24, wherein said lithium salt is selected from the group consisting of  $\text{LiClO}_4$ ,  $\text{LiAsF}_6$ ,  $\text{LiPF}_6$ ,  $\text{LiBF}_4$ ,  $\text{LiB}(\text{C}_6\text{H}_5)_4$ ,  $\text{LiCl}$ ,  $\text{LiBr}$ ,  $\text{CH}_3\text{SO}_3\text{Li}$ ,  $\text{N}(\text{C}_n\text{F}_{2n}\text{SO}_2)_2\text{Li}$ , and mixtures thereof.

26. (previously presented) The non-aqueous electrolyte secondary cell of Claim 23, wherein said non-aqueous solvent is selected from the group consisting of propylene carbonate, ethylene carbonate, 1,2-dimethoxyethane, 1,2-diethoxyethane, diethyl carbonate, methyl ethyl carbonate, dimethyl carbonate,  $\gamma$ -butyrolactone, tetrahydrofuran, 1,3-dioxolane, 4-methyl-1,3-dioxolane, diethyl ether, sulfolane, methyl sulfolane, acetonitrile, propionitrile, and mixtures thereof.

27. (previously presented) The non-aqueous electrolyte secondary cell of Claim 1, wherein the cathode further comprises a conductive material and a binder.

28. (previously presented) The non-aqueous electrolyte secondary cell of Claim 1, wherein the anode further includes a molded and sintered current collector material combined with said sintered carbon material.

29. (currently amended) The non-aqueous electrolyte secondary cell of Claim 1, wherein E is selected from a list of elements and compounds consisting of B<sub>4</sub>, B<sub>6</sub>, Mg<sub>2</sub>, Ti, Mo, Co, Ni, Ca, Cr, Cu<sub>5</sub>, Fe, Mn, Nb, Ta, V, W, Mg<sub>2</sub>Si, Ni<sub>2</sub>Si, Mg<sub>2</sub>Sa, Ni<sub>2</sub>.

30. (previously presented) The non-aqueous electrolyte secondary cell of Claim 4, wherein said cathode further comprises a conductive material and a binder.

31. (previously presented) The non-aqueous electrolyte secondary cell of Claim 4, wherein the anode further includes a molded and sintered current collector material combined with said sintered carbon material.

32. (currently amended) The non-aqueous electrolyte secondary cell of Claim 4, wherein E includes Mg<sub>2</sub>Si, Ni<sub>2</sub>Si Mg<sub>2</sub>SaANi<sub>2</sub>.